

APPENDIX A: DNA SEQUENCES

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TCCAAG

>RXN03120-downstream
TAAGCATTTTTAGTCCGTGCAAT

>RXN03123-upstream
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TGGCTTTTGTGCTGCACGAGCCGCTGGGGCCCCGCTCGGC

>RXN03123
GTGGGCGACGCGCTGCGAGGCCGGGAAAGCCTGAAGTCATGCGCTACCCAGGAATTCCG
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CCAGCGATCTGCTCGATTCTGGAGACCTTGACGCGTGAAATCCCTGCGACCGCGTATCTT

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CTTGAAGAACTGGCTACGACATCCGTCTGGGCAAGCTGATCGGCAAGGTTACTTACCCTGTGCTCGAC
CGAACCAAAGTGGTCTACTACTGGACTGCCAGGTTCTTGGTGGAGAGTTTGTCCCCAACGATGAAGTT
GATGAAATCCGTTGGCTGTCTGTTGATGAAGCATGCGAGTTGCTCAGCTACCAAGTAGATACCGAAGTT
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>RXS01027 - 3'-Region
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>RXS01528 - 5'-Region
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>RXS01528 - coding Region
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GGTCGCTTGATCGTCGTGGTCGTTTGTGTTGGTCGATGCCGAAGGGCCATGTTGAGCCTGGTGAGGAT
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>RXS01528 - 3'-Region
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>RXS01716 - coding Region
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CGCGATGAATTTCTTTTCGATGACCCGCCAGCTTCTGTCCAAGATCCGTCCTGGATACCAAGCTGAAGTA
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GAC

>RXS01716 - 3'-Region
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>RXS01835 - 5'-Region
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GAATACACTTTCCCCGCGCCTTCGCAAAGCT

>RXS01835 - coding Region
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CACGACACCCCTCGAAGACGTACCCGAGGAATACAATTTGCCCCAATTTGAAGCTGATTTTGGTCCGCGG
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>RXS01835 - 3'-Region
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>RXS02497 - 5'-Region
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TTTGCCACCCTAGACCGTCTAACCTTTAGGT

>RXS02497 - coding Region
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>RXS02497 - 3'-Region
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>RXS02972 - 5'-Region
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>RXS02972 - coding region
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ATC GTC CCA ATT TCA AAG GCA AAA ACC TTT GTG GGA TGC GCA GGC ACC TTC
ACC ACA ATC TCC GCC TGG GTG CAA GGC CTA GAA AGC TAC GAC CGC GAC GCG
ATC CAC CTC TCT GCA CTC AAC TTC GAT GCA CTG CGA GTT GTC ACC GAT GAG
ATC ATT TCA GAA TCA TCA TCA CAG CGC GCC AGC AAC CCA GTT GTT GAT CCA
GGT CGC GCC GAC GTC ATC GGT GGC GGA TCC GTT GTT GTC CAA GCA GCG ATC
GAC TTA GCC TCC AAA GAA GCC GGT GTA GAC TAC ATC ATT ATT TCC GAA AAA
GAC ATC CTC GAC GGC CTC ATC CTT GGC CTG GTA GAA GCC GAC TCT TTG AAG
AAA

>RXS02972 - 3'Region
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>RXS02979 - 5'-Region
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GGCAGGAAAGTTACCGAAAGGACTGGTTCCC

>RXS02979 - coding Region
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TCCAAGATTGAAAACAAATTGAATGGATTGGATGGCGTCGACAATGCAGAGGTGAAGTTCTCCTCCGGA
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GGCTACACCGCAAAGCCATCAGCAATC

>RXS02979 - 3'-Region
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>RXS02987 - 5'-Region

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TAAGCTCTAACTGCTAGCTAAAAATTCCGC